OIPE
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PATENT & TRADEMARK OFFICE

GENERATE AT LEAST TWO CERTIFICATE REVOCATION LISTS (CRL) OF A FIRST TYPE WITH AT LEAST PARTIALLY CONSECUTIVE VALIDITY PERIODS WHERE THE BEGINNING OF THE VALIDITY PERIOD OF AT LEAST ONE OF SAID CRLs IS AT A FUTURE POINT IN TIME, EACH CRL NOT INDICATING A REVOKED STATUS OF ANY CERTIFICATE AUTHORITY (CA) CONTAINED THEREIN

GENERATE AT LEAST TWO CERTIFICATE REVOCATION LISTS OF A SECOND TYPE (CRL) WITH AT LEAST PARTIALLY CONSECUTIVE VALIDITY PERIODS WHERE THE BEGINNING OF THE VALIDITY PERIOD OF AT LEAST ONE OF SAID CRLs IS AT A FUTURE POINT IN TIME, EACH CRL INDICATING A REVOKED STATUS OF AT LEAST ONE CERTIFICATE AUTHORITY (CA) CONTAINED THEREIN

CHECKING REGARDING EACH CA LISTED IN THE CRLs OF SAID FIRST TYPE IF THE SECURITY OF ANY CA HAS BEEN BREACHED

IF THE SECURITY OF EACH CA ON A CRL OF A FIRST TYPE IS STILL NOT BREACHED BY THE TIME OF THE BEGINNING OF THE VALIDITY PERIOD OF THAT CRL , PUBLISHING THAT CRL OF A FIRST TYPE ESSENTIALLY AT THE BEGINNING OF THE VALIDITY PERIOD OF SAID CRL, BUT IF THE SECURITY OF AT LEAST ONE CA IN A CRL OF THE FIRST TYPE HAS BEEN BREACHED; PUBLISHING A CRL OF THE SECOND TYPE ESSENTIALLY AT THE BEGINNING OF THE VALIDITY PERIOD OF SAID CRL

FIG. 2

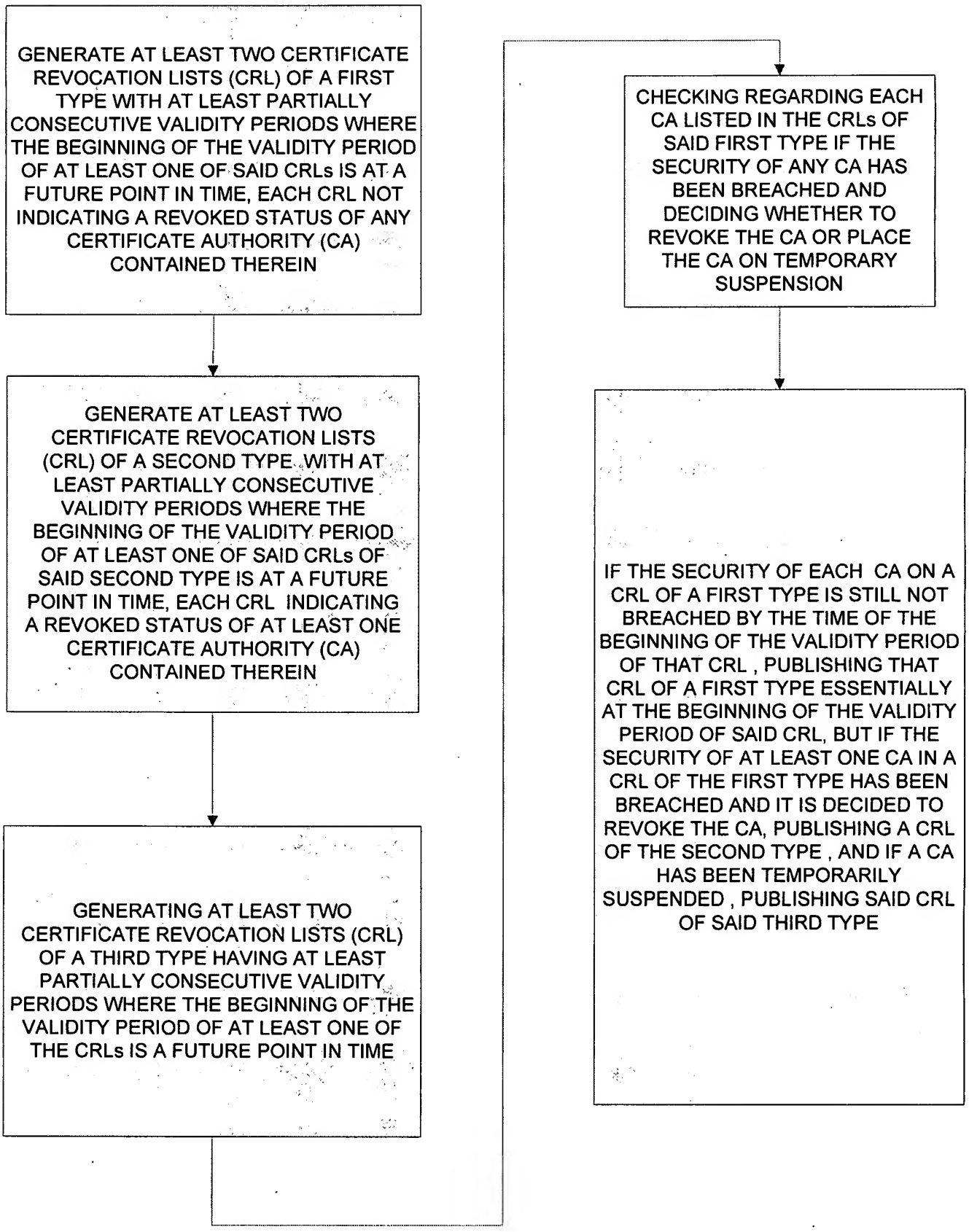
GENERATE AT LEAST TWO CERTIFICATE REVOCATION LISTS (CRL) OF A FIRST TYPE WITH AT LEAST PARTIALLY CONSECUTIVE VALIDITY PERIODS WHERE THE BEGINNING OF THE VALIDITY PERIOD OF AT LEAST ONE OF SAID CRLs IS AT A FUTURE POINT IN TIME, EACH CRL NOT INDICATING A REVOKED STATUS OF ANY CERTIFICATE AUTHORITY (CA) CONTAINED THEREIN
GENERATE AT LEAST TWO CERTIFICATE REVOCATION LISTS (CRL) OF A SECOND TYPE WITH AT LEAST PARTIALLY CONSECUTIVE VALIDITY PERIODS WHERE THE BEGINNING OF THE VALIDITY PERIOD OF AT LEAST ONE OF SAID CRLs OF SAID SECOND TYPE IS AT A FUTURE POINT IN TIME, EACH CRL INDICATING A REVOKED STATUS OF AT LEAST ONE CERTIFICATE AUTHORITY (CA) CONTAINED THEREIN
GENERATING AT LEAST TWO CERTIFICATE REVOCATION LISTS (CRL) OF A THIRD TYPE HAVING AT LEAST PARTIALLY CONSECUTIVE VALIDITY PERIODS WHERE THE BEGINNING OF THE VALIDITY PERIOD OF AT LEAST ONE OF THE CRLs IS A FUTURE POINT IN TIME
CHECKING REGARDING EACH CA LISTED IN THE CRLs OF SAID FIRST TYPE IF THE SECURITY OF ANY CA HAS BEEN BREACHED AND DECIDING WHETHER TO REVOKE THE CA OR PLACE THE CA ON TEMPORARY SUSPENSION
IF THE SECURITY OF EACH CA ON A CRL OF A FIRST TYPE IS STILL NOT BREACHED BY THE TIME OF THE BEGINNING OF THE VALIDITY PERIOD OF THAT CRL , PUBLISHING THAT CRL OF A FIRST TYPE ESSENTIALLY AT THE BEGINNING OF THE VALIDITY PERIOD OF SAID CRL, BUT IF THE SECURITY OF AT LEAST ONE CA IN A CRL OF THE FIRST TYPE HAS BEEN BREACHED AND IT IS DECIDED TO REVOKE THE CA, PUBLISHING A CRL OF THE SECOND TYPE , AND IF A CA HAS BEEN TEMPORARILY SUSPENDED , PUBLISHING SAID CRL OF SAID THIRD TYPE

FIG. 3

NEW SHEET

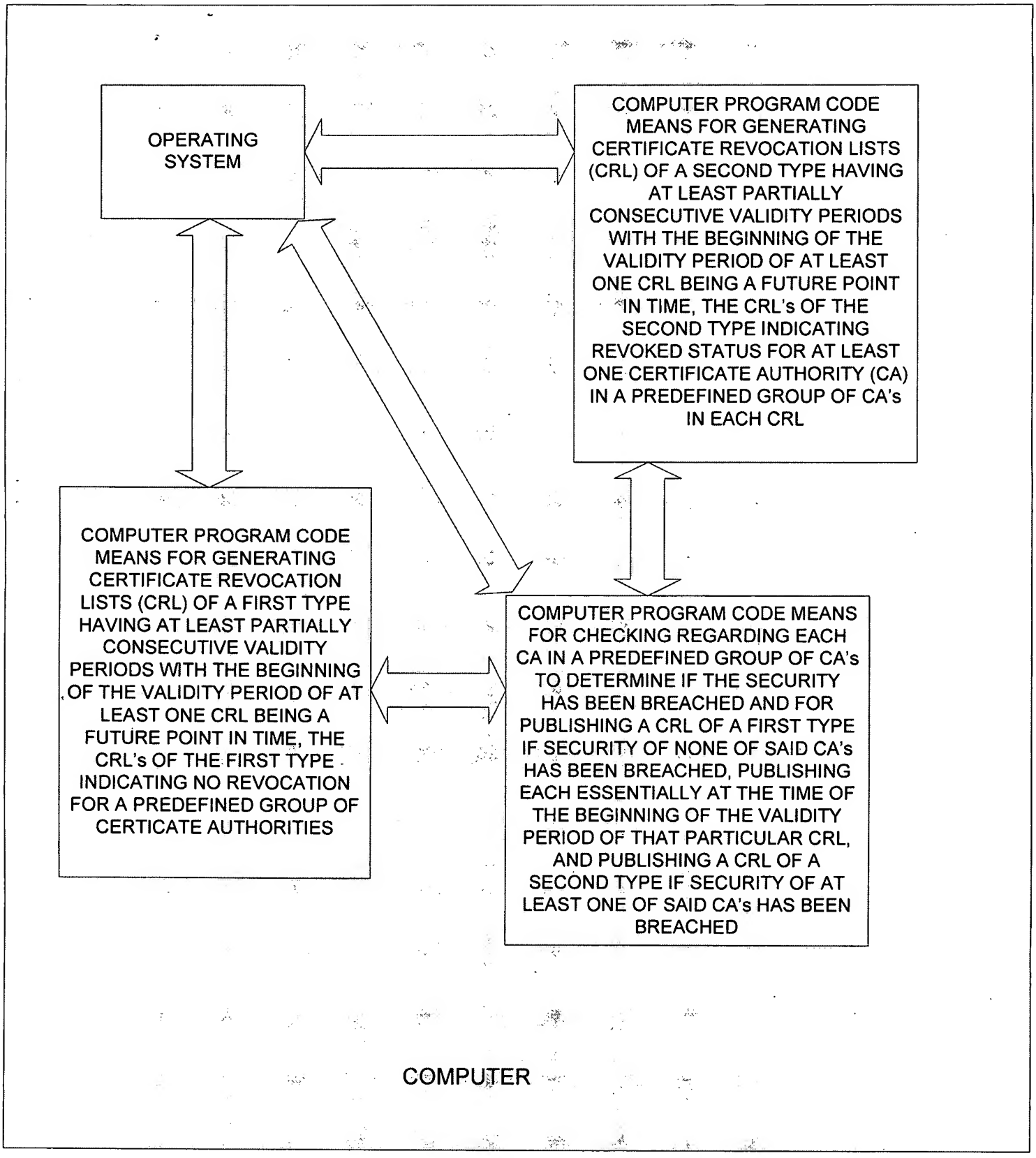

FIG. 4